Disaggregation Summary Report

Test Date: 09/18/07

ISTEP+
INDIANA STATEWIDE TESTING
FOR EDUCATIONAL PROGRESS

State: INDIANA

Grade: 4

Purpose

This report describes group achievement for selected reporting populations.



English/language arts	Total Number of Students	Pass+ N	%	Pass N	%	Total Passini N %		Did Not N	Pass %	Undetern N	nined %	Mean/Median Scale Score	Standard Deviation
All Students	77552	6804	9	50378	65	57182 74	1 1	19944	26	426	1	460.3/463.2	56.9
General Education													
TOTAL General Education	64705	6399	10	45076	70	51475 80	1	12921	20	309	0	468.8/469.2	50.8
Special Education													
With accommodations	7435	41	1	1945	26	1986 27	1000	5356	72	93	1	391.5/394.3	60.1
Without accommodations	5412	364	7	3357	62	3721 69	222	1667	31	24	0	452.2/454.5	56.6
TOTAL Special Education	12847	405	3	5302	41	5707 44	1	7023	55	117	1	417.2/420.3	65.9
Limited English Proficiency													
With accommodations	0.407	44	^	044	0.7	200 00	s .	4450	60	E 7	0	444 0/446 5	FC 0
Without accommodations	2437 1450	11 33	0 2	911 829	37 57	922 38 862 59		1458 540	60 37	57 48	2	411.0/416.5 440.2/441.9	56.3 48.9
TOTAL Limited English Proficiency	3887	44	1	1740	45	1784 46	5252	1998	51	105	3	421.8/425.4	55.5
Non-Limited English Dyeficionsy													
Non-Limited English Proficiency With accommodations	7070			0005		0000		E400		0.4		000 01000 1	20.0
Without accommodations	7370	48	1	2035	28	2083 28		5196	71	91	1	393.8/396.4	60.3
TOTAL Non-Limited English Proficier	66295	6712	10	46603	70	53315 80	100	12750	19	230	0	469.8/470.2	50.4
TOTAL Non-Limited English Froncier	ncy 73665	6760	9	48638	66	55398 75) 1	17946	24	321	0	462.3/465.1	56.2
Gender													
Male	39433	2408	6	24978	63	27386 69	a 1	11778	30	269	1	452.1/456.1	56.9
Female	38027	4391	12	25361	67	29752 78	200	8124	21	151	0	468.8/470.2	55.6
No valid information	92	5	5	39	42	44 48		42	46	6	7	420.6/431.0	76.4
SES													
Paid lunch	44478	5645	13	31066	70	36711 83	3	7584	17	183	0	474.9/476.9	53.2
Free or reduced lunch	32775	1145	3	19168	58	20313 62	1212	12229	37	233	1	440.7/444.4	55.7
No valid information	299	14	5	144	48	158 53		131	44	10	3	433.9/435.6	63.7
Ethnicity													
American Indian or Alaska Native	218	9	4	146	67	155 71		62	28	1	0	454.0/452.0	51.3
Black (Not of Hispanic Origin)	9378	216	2	5137	55	5353 57	3434	3963	42	62	1	434.9/437.3	53.1
Asian or Pacific Islander	1108	199	18	691	62	890 80		176	16	42	4	480.9/485.1	62.1
Hispanic	5326	145	3	2795	52	2940 55	53.5	2313	43	73	1	433.4/436.0	56.1
White (Not of Hispanic Origin)	57881	5977	10	39303	68	45280 78	5353	12377	21	224	Ö	466.8/469.6	55.6
Multiracial	3413	253	7	2198	64	2451 72		947	28	15	0	456.4/459.3	55.4
No valid information	228	5	2	108	47	113 50		106	46	9	4	430.9/431.5	55.1
Migrant	29	0	0	11	38]11 38	3	18	62	0	0	409.4/414.0	53.3

The cut score at Pass is 429. The cut score at Pass+ is 532.

The Lowest/Highest Scale Score Possible for English/language arts is 110/700.

Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%.

Disaggregation Summary Report

Test Date: 09/18/07

ISTEP+
INDIANA STATEWIDE TESTING
FOR EDUCATIONAL PROGRESS

State: INDIANA

Grade: 4

Purpose

This report describes group achievement for selected reporting populations.



Mathematics	Total Number	Pass+		Pass		Total Passing			Undetern		Mean/Median	Standard
ao.	of Students	N	%	N	%	N %	N	%	N	%	Scale Score	Deviation
All Students	77552	12737	16	45404	59	58141 75	19183	25	228	0	451.7/454.1	64.3
General Education												
TOTAL General Education	64705	11642	18	39540	61	51182 79	13383	21	140	0	458.9/459.5	58.7
Special Education												
With accommodations	7338	253	3	2717	37	2970 40	4300	59	68	1	391.0/398.9	77.3
Without accommodations	5509	842	15	3147	57	3989 72	1500	27	20	0	446.9/449.4	66.0
TOTAL Special Education	12847	1095	9	5864	46	6959 54	5800	45	88	1	415.0/421.9	77.8
Limited English Proficiency												
With accommodations	2454	112	5	1194	49	1306 53	1141	46	7	0	414.7/419.8	65.0
Without accommodations	1433	157	11	845	59	1002 70	426	30	5	0	441.1/442.9	58.2
TOTAL Limited English Proficiency	3887	269	7	2039	52	2308 59	1567	40	12	0	424.4/428.7	63.8
Non-Limited English Proficiency												
With accommodations	7269	272	4	2747	38	3019 42	4182	58	68	1	392.9/401.0	77.3
Without accommodations	66396	12196	18	40618	61	52814 80	13434	20	148	0	459.7/460.3	58.8
TOTAL Non-Limited English Proficien	rcy 73665	12468	17	43365	59	55833 76	17616	24	216	0	453.1/455.5	64.0
Gender												
Male	39433	6920	18	23025	58	29945 76	9343	24	145	0	453.6/456.3	65.3
Female	38027	5810	15	22335	59	28145 74	9804	26	78	0	449.8/451.8	63.2
No valid information	92	7	8	44	48	51 55	36	39	5	5	416.4/434.8	81.2
SES												
Paid lunch	44478	9755	22	27122	61	36877 83	7520	17	81	0	466.4/467.7	60.4
Free or reduced lunch	32775	2958	9	18146	55	21104 64	11531	35	140	0	432.0/435.8	64.1
No valid information	299	24	8	136	45	160 54	132	44	7	2	420.0/419.3	71.9
Ethnicity												
American Indian or Alaska Native	218	23	11	139	64	162 74	56	26	0	0	442.0/448.7	66.0
Black (Not of Hispanic Origin)	9378	669	7	4711	50	5380 57	3953	42	45	Ō	421.8/425.3	65.6
Asian or Pacific Islander	1108	412	37	544	49	956 86	148	13	4	0	483.6/488.1	77.2
Hispanic	5326	446	8	2954	55	3400 64	1907	36	19	0	431.4/435.3	62.7
White (Not of Hispanic Origin)	57881	10722	19	34972	60	45694 79	12050	21	137	0	458.4/460.4	62.0
Multiracial	3413	451	13	1982	58	2433 71	964	28	16	ō	444.0/445.4	64.3
No valid information	228	14	6	102	45	116 51	105	46	7	3	414.4/416.0	70.7
Migrant	29	1	3	15	52	16 55	12	41	1	3	424.1/419.0	50.1

The cut score at Pass is 415. The cut score at Pass+ is 510.

The Lowest/Highest Scale Score Possible for mathematics is 140/670.

Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100 %

ISTEP+
INDIANA STATEWIDE TESTING
FOR EDUCATIONAL PROGRESS

State Proficiency Performance Summary

Ctata.	INDIANA	
State.	INDIANA	

Grade: 4

Purpose

This report provides the number and percent of students in each performance category.



Test Date: 09/18/07

	English/ language arts Pass+	Engl lang Pass	uage arts		English/ language Did Not Pa		English/ language Undeterr		Mathen	natics TOT	ALS	
Mathematics Pass +	4319 Student Pass+ E/la and 6% Math	in	8260 Stude Pass E/la a Pass 11% Math	in ind	0%	104 Students Did Not Pa in E/la and Pass + in Math	iss 0%	54 Students Undetermined in E/Ia and Pass + in Math	<u>16</u>	12737 Students Pass+ in Math	1	
Mathematics Pass	2471 Student Pass + E/Ia and Pass in 3% Math	in I	36039 Stude 46% Pass E/la a Math	nts in	9%_	6793 Students Did Not Pe in E/la and Pass in Math		101 Students Undetermined in E/la and Pass in Math	59	2 45404 Students Pass in Math		
Mathematics Did Not Pass	11 Student Pass+ E/la and Did Not 0% in Math	l Pass	6034 Stude Pass E/la a Did N in Ma	ind ot Pass	17% 	12978 Students Did Not Pa in E/la and Math		160 Students Undetermined in E/Ia and Did Not Pass in Math	25		^o ass	
Mathematics Undetermined	3 Student Pass+ E/Ia and Undeter 0% in Math	l mined	45 Stude Pass E/la a Under in Ma	in ind termined	0%	69 Students Did Not Po in E/la and Undetermi in Math		111 Students Undetermined in E/la and Math	0	228 Students Undeterm <u>7</u> in Math	nined	
English/ language arts TOTALS	6804 Studen Pass+ 9% E/la	ts in	65% 50378 Stude Pass E/la	ents	26%	19944 Students Did Not F in E/la	ass1%	426 Students Undetermined in E/la	Total Gra Students Students E/la	with Complet with Undeterr Only Only	7 e Tests 7	77552 77009 es 315 117 111
Cummo:::fC					English/langu		Did Not 5	Б	Ma	athematics	I bilbir	
Summary of Score Mean Scale Score	res E/la 460		Pass:	+ 556.8	Pass MSS:	475.7 M:	Did Not Pass	Pass+	42.5 MSS:	Pass 460.6	Did Not MSS:	Pass 370.3

				English/language arts						Mathematics				
Summary of Scores	E/la	Math	Pass	+	Pass		Did Not	Pass	Pass-	+	Pass	5	Did Not	Pass
Mean Scale Score	460.3	451.7	MSS:	556.8	MSS:	475.7	MSS:	388.5	MSS:	542.5	MSS:	460.6	MSS:	370.3
Pass Cut Score	429	415	SD:	24.1	SD:	27.5	SD:	38.5	SD:	31.2	SD:	26.2	SD:	46.1
Pass + Cut Score	532	510	L/H Obt:	532-700	L/H Obt:	429-531	L/H Obt:	110-428	L/H/Obt:	510-670	L/H/Obt:	415-509	L/H/Obt:	140-414
Standard Deviation	56.9	64.3	L/H Range:	532-700	L/H Range:	429-531	L/H Range:	110-428	L/H Range:	510-670	L/H Range:	415-509	L/H Range:	140-414
Lowest/Highest Scale Score Obtained	110-700	140-670	6804 Students	:	50378 Student	ts	19944 Stude	nts	12737 Studer	nts	45404 Stude	nts	19183 Stude	nts
Lowest/Highest Scale Score Possible	110-700	140-670	Pass+	=	Pass	-	Did Not Pas		Pass+		Pass	=	Did Not Pas	

MSS: Mean Scale Score

SD: Standard Deviation

L/H Obt: Lowest/Highest Scale Score Obtained Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100 % .

L/H Range: Lowest/Highest Scale Score Range of Proficiency Level

A Message from Dr. Suellen Reed

Dear Teachers and Administrators.

The ISTEP + assessment is one of the best tools available to us in our continued efforts to improve the education of Indiana's students. The reports which are distributed to teachers, principals, and corporation offices can be used to help identify students' strengths and weaknesses, and to measure their mastery of the Indiana Academic Standards. These results help the educational professionals determine how effectively their students are making progress toward meeting the high school graduation requirements.

The individual student reports provide information that helps parents understand their child's academic performance. The class, school, and corporation summary reports give teachers and administrators data that can help the evaluate their students' achievement and identify educational areas that may need emphasis. We thank you for your professional commitment to the improved education of our youth, and we encourage your continued support of the ISTEP + assessment.

Sincerely.

Suellen Reed

Superintendent of Public Instruction

INDIANA ACADEMIC STANDARDS (CRITERION-REFERENCED INFORMATION)

Criterion-referenced Test: A test that reports students' scores relative to a body of information thought to be important to learn (see Indiana Academic Standards).

Indiana Academic Standards: The Indiana Academic Standards define three categories of student achievement in English/language arts and mathematics (Pass+, Pass, and Did Not Pass). These levels were defined by the State Board of Education as follows:

Pass + Meets the passing standard and demonstrates high achievement in the knowledge and skills of the content area.

Pass Meets the passing standard.

Did Not Pass Fails to meet the passing standard and in all likelihood will need remedial assistance.

Indiana Scale Score: Student achievement levels relative to the Indiana Academic Standards are reported by ISTEP + as scale scores in English/language arts and mathematics. These three-digit, equal-interval scores are expressed on unique scales by content area.

Indiana Performance Index (IPI) Score: A measure of a student's mastery of the skills tested in a specific content area as defined by the Indiana Academic Standards.

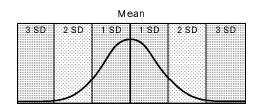
SUMMARY INFORMATION

Mean: Perhaps the most often used "average," the mean is the arithmetic average of a group of scores. It is calculated by adding the scores and dividing the sum by the number of scores.

Median: The median is another often used "average." It is defined as the score below which half of the cases fall.

Mean Scale Score: The arithmetic average of the scale scores obtained by a group of students.

Standard Deviation (SD): A statistic that indicates the amount of variability in a group of scores. When scores are normally distributed (i.e., when they are part of a bell-shaped, "normal" curve), about two-thirds of the scores are within one SD above and below the average (mean) score and about 95% of the scores are within 2 SDs of the mean. In almost any shaped distribution, all scores will be within 5 SDs above or below the mean score.



Standard Deviation

ISTEP+ INDIANA STATEWIDE TESTING FOR EDUCATIONAL PROGRESS

Applied Skills Frequency Distribution

State: II	NDIANA
Grade:	4

Purpose
This report provides a frequency of points obtained by Applied Skills items.



Test Date: 09/18/07		

E/la		Total Number	0 Points Obtained	1 Point Obtained	2 Points Obtained	3 Points Obtained	4 Points Obtained	5 Points Obtained	6 Points Obtained
Item # - Test #	Poss	of Stdnts	N %	N %	N %	: N %	: N %	N %	N %
Writing Applications	:	77552	:	797 1	7010 9	: 25698 33	36201 47	6114 8	738 1
1a-3-Writing Applications 15a-4-Writing Applications	. 6 . 4	77552	•	797 I 7012 9	7010 9 30882 40	25696 35 28776 37	56201 47 5810 7	: 0114 0	/50 1
13a-4-Willing Applications		: //JJE		7012	3000E 40	: 20770 37	; 3010 /		
Lang. Conventions			•	•	•	•	•	•	
1b-3-Lang. Conventions	4	77552	<u> </u>	838 1	7603 10	27261 35	41322 53	į į	
15b-4-Lang. Conventions	: 4	77552	•	7987 10	26537 34	31066 40	8662 11	•	
		•				*	*		
Reading Comp.				• •		•	•	•	
3-4-Reading Comp.	: 2	77552	32441 42	15462 20	28385 37	•	•		
6-4-Reading Comp.	2	77552	20673 27	30799 40	23466 30	•	•		
Lia Dana O Analysia		•	•			•			
Lit. Resp. & Analysis 10-4-Lit. Resp. & Analysis		77552	14771 19	32989 43	27894 36	•	•	• •	
13-4-Lit. Resp. & Analysis	: 2	77552	21476 28	42011 54	12085 16	•	•	•	
14-4-Lit Resp & Analysis		77552	47088 61	3619 5	23819 31	•	<u>.</u>		
	:		:			•	:		
		*	*	A	<u> </u>	* *			
	<u>:</u>	:	:	:	:	:	:	;	
			•		•		4		
	!	<u>: </u>	:	•	:	<u>:</u>	<u>:</u>		
Math	•	Total	0 Points	1 Point	2 Points	3 Points	4 Points	5 Points	6 Points
		Number	Obtained	Obtained	Obtained	Obtained	Obtained	Obtained	Obtained
Item # - Test #	Poss	of Stdnts	N %	N %	N %	N %	N %	N %	N %
Algebra & Functions 1-7-Algebra & Functions		: \$:	•		:	:		
177-Aigebra & Functions	· 2	77552	30549 39	26356 34	20218 26	•	•	•	
Measurement		•	•	•	•	•	•	•	
2-7-Measurement	: 2	77552	9465 12	15503 20	52283 67	•	•	•	
							*		
Problem Solving	:	:	:	•	•	•	•	•	
3-7-Problem Solving	; 2	77552	45714 59	9054 12	22140 29				
5-7-Problem Solving	2	77552	49808 64	5445 7	21956 28	• •	* *	:	
2-8-Problem Solving	; 3	77552	25537 33	6606 9	16354 21	28534 37			
3-8-Problem Solving	; 2	77552	37813 49	20833 27	18387 24	:	:		
5-8-Problem Solving	3	77552	9758 13	23464 30	25839 33	18025 23	*	•	
Number Sense	•	<u>.</u> 2	•		•	• •	•		
4-7-Number Sense	. 2	77552	: 8449 11	26833 35	41961 54	:	:	:	
4-8-Number Sense	. 2	77552	41200 53	10882 14	24938 32	•	.		
	•	•	•	-	•	:	:	•	
Geometry		•	T	* * * * * * * * * * * * * * * * * * *		7	*	•	
6-7-Geometry	2	77552	21068 27	17154 22	38734 50	<u>:</u>	<u>;</u>	•	
	•	•			:	•	.		
Computation		•	:	:	:	:	:	:	
1-8-Computation 6-8-Computation	· 2	77552	35623 46	14372 19	27190 35	•	*	•	
o-o-Computation	2	77552	22287 29	29791 38	24525 32	:	<u>;</u>	:	
	•	•	:	:	:	:	:	:	
	•	•	•		• •	•	•		
	:	<u>.</u>				•	•		
		*		•	+ -		*	•	
		····	•	•	•		•	•	

ISTEP + INDIANA STATEWIDE TESTING FOR EDUCATIONAL PROGRESS

Applied Skills Frequency Distribution

State: IN	ANAIDI	
Grade:	4	

Purpose

This report provides a frequency of condition codes obtained by Applied Skills items.



Test Date: 09/18/07		

	:	:	•	:	•	:	•
E/la	Total Number of		Condition Code B	Condition Code C Non - English	Condition Code D	Condition Code E Off Topic	Invalid / Omitted Test
Item # - Test #		N '%					N %
Writing Applications	·						332 0
1a-3-Writing Applications	77552 77552	0 0 2625 3	128 0 81 0	14 0 18 0	54 0 340 0	466 1 1772 2	332 0 236 0
15a-4-Writing Applications	. //352	. 2025 3	. 01 U	. 10 U	. 540 0	. 1//2 2	U
Lang. Conventions							
1b-3-Lang. Conventions	77552	: o o	128 0	14 0	54 0	0 0	332 0
15b-4-Lang Conventions	77552	2625 3	81 0	18 0	340 0	0 0	236 0
Reading Comp.							
3-4-Reading Comp	77552	869 1	87 0	4 0	30 0	38 0	236 0
6-4-Reading Comp.	77552	1713 2	118 0	3 0	265 0	279 0	236 0
Lit. Resp. & Analysis							
10-4-Lif. Resp. & Analysis	77552	1326 2	178 0	3 0	69 0	86 0	236 0
13-4-Lit. Resp. & Analysis	77552	1609 2	71 0	1 0	8 0	55 0	236 0
14-4-Lit. Resp. & Analysis	77552	2385 3	119 0	1 0	125 0	160 0	236 0
		; }	; •		:		
			.	•	• • •	•	
		:	1	:			
Math	Total	Condition Code A	Condition Code B	Condition Code C	Condition Code D	•	Invalid / Omitted
	Number of	Blank Response	Illegible	Non - English	Insufficient	•	Test
Item # - Test #	Students	N %	N %	N %	N %	<u> </u>	N %
Algebra & Functions	.		•	•	• •	• •	• • •
1-7-Algebra & Functions	77552	263 0	8 0	1 0	11 0		146 0
Measurement		<u> </u>	į	•			
2-7-Measurement	77552	149 0	3 0	0 0	3 0	*******************************	146 0
Problem Solving	•	• •	:	•	•		
3-7-Problem Solving	77552	482 1	8 0	1 0	7 0		146 0
5-7-Problem Solving	77552	192 0	1 0	1 0	3 0	•	146 0
2-8-Problem Solving	77552	337 0	2 0	0 0	3 0		179 0
3-8-Problem Solving	77552	334 0	4 0	0 0	2 0	•	179 0
5-8-Problem Solving	77552	278 0	5 0	1 0	3 0		179 0
320002000200000000000000000000000000000	: ::::::::::::::::::::::::::::::::::::	************************	•	•	: \$000000000000000000000000000000000000	: : ::::::::::::::::::::::::::::::::	
Number Sense	77550	• 162 0	1 0	0 0	0 0	•	146 0
4-7-Number Sense 4-8-Number Sense	77552 77552	162 0 350 0	1 0 2 0	0 0 0 0	1 0		146 0 179 0
200000000000000000000000000000000000000		.					
Geometry	77552	448 1	0 0	0 0	• 2 0	•	146 0
6-7-Geometry	77552	448 1	· U U	; U U	2 0		140 U
Computation		•					
1-8-Computation	77552	183 0	1 0	0 0	4 0		179 0
6-8-Computation	77552	749 1	8 0	0 0	13 0	•	179 0
	•		•	:		4	
				•	‡		
					<u>:</u>		

ISTEP + INDIANA STATEWIDE TESTING FOR EDUCATIONAL PROGRESS

Academic Standards Summary

State: INDIANA

Grade: 4

Purpose

This report provides an analysis of Academic Standards using the average Indiana Performance Index (IPI) by subject for this group. The information may be used to analyze curriculum strengths and needs.



■No. of Students: 77552

Test Date: 09/18/07

Indiana Performance Index (IPI)

The IPI is the expected number of	STATE SUMMARY						
items correct had 100 similar items been taken for the given Academic Standard. The Difference score is the Mean IPI minus the IPI at the passing cut score. MC: Multiple-choice items OE: Open-ended items **: Expected IPI for a student at the passing cut score	Points Possible	IPI at Pass**	Mean Number Correct	Mean IPI	Difference	Number Mastery	Percent Mastery
English/language arts				<u> </u>			
1. Reading Vocabulary(MC) 2. Reading Comp.(MC,OE) 3. Lit Response & Analysis(MC,OE) 4. Writing Process(MC) 5. Writing Applications(OE) 6. Lang. Conventions(MC,OE) *Number of Students: 77126	11 14 20 9 10 13	75 58 54 72 53 72	8.9 9.6 12.9 7.1 5.8 10.0	81.0 68.3 64.3 78.4 58.6 77.0	6.0 10.3 10.3 6.4 5.6 5.0	57430 57824 58292 57518 57138 56328	74 75 75 74 74 73
Mathematics	•						
1. Number Sense(MC,OE)	12	56	8.1	67.5	11.5	57457	74
2. Computation(MC,OE)	15	57	10.4	69.2	12.2	57113	74
3. Algebra & Functions(MC,OE)	11	50	7.1	64.8	14.8	57459	74
4. Geometry(MC,OE)	11	53	7.4	66.3	13.3		74
5. Measurement(MC,OE) 6. Problem Solving(OE) *Number of Students: 77324	12 12	59 27	8.3 5.4	68.9 45.7	9.9 18.7	56240 56543	73 73

^{*} Number of students that completed all tests in the content area. • Total number of all students that tested in either content area. Any student tested in both content areas is counted once. Adding the two-digit "IPI at Pass" scores will not result in the three-digit student score found on the Student Report.